

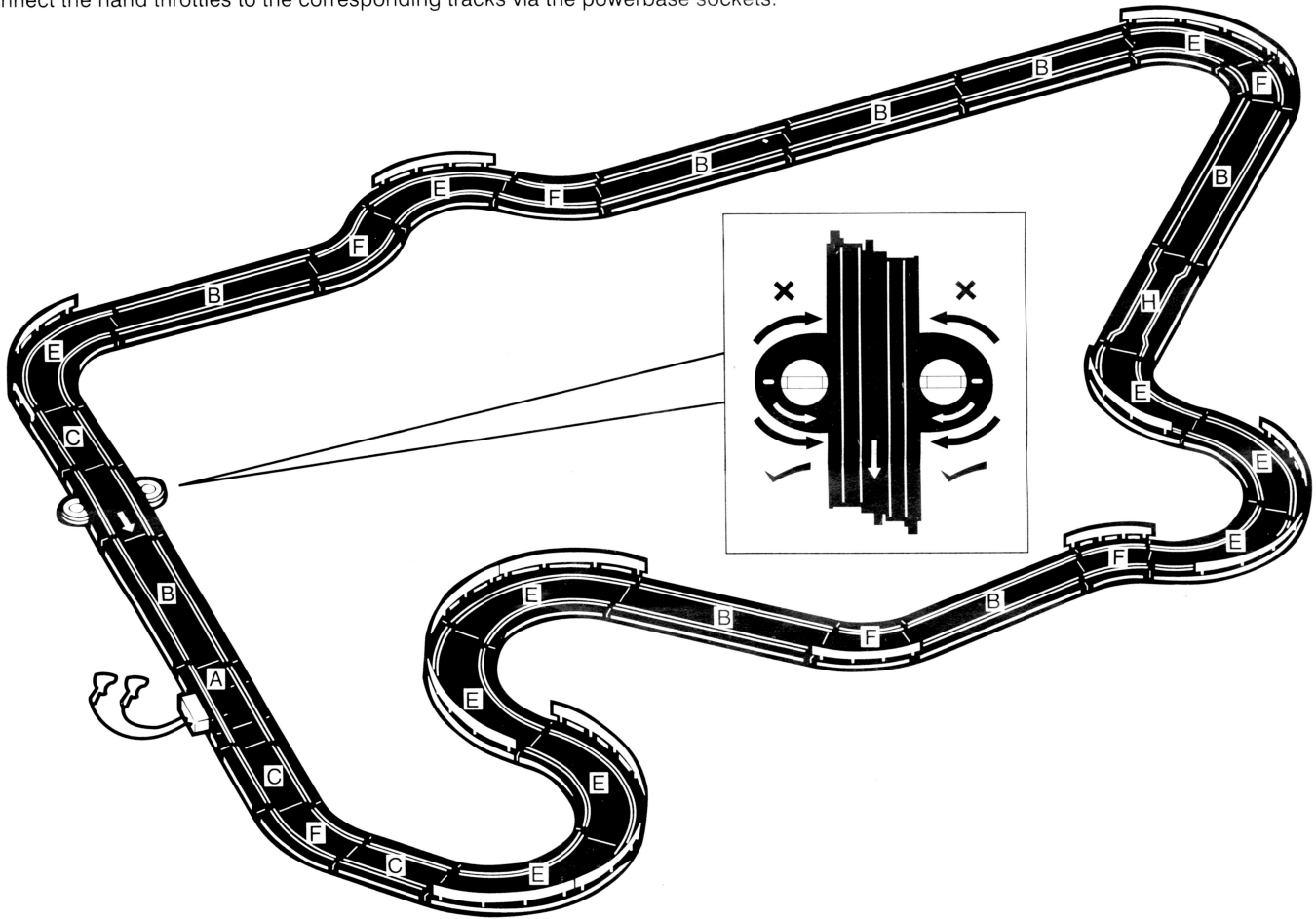
SUPER FORMULA 1

RACING DRIVERS' & TRACK MARSHALLS' BRIEFING NOTES

LAP COUNTER

*Please read these notes carefully before installing and operating this unit.

1. Must be assembled into the circuit with the arrow pointing in the direction of racing.
2. To reset lap counter, yellow and blue knobs to be turned in direction of arrows.
IMPORTANT: Turning in the opposite direction could damage the unit.
3. To avoid any unnecessary wear please ensure the cars guide pins are kept in good condition.
4. To identify your track at a glance the knobs have been coloured yellow and blue to match the hand throttles.
Connect the hand throttles to the corresponding tracks via the powerbase sockets.



THE TRACK LAYOUT DIAGRAM SHOWS THE BEST POSITIONS FOR THE CRASH BARRIERS

CONTENTS / PARTS LIST

In the event of requesting replacement parts, please quote the part numbers given below. Please see the MicroScalextric Guarantee and Registration Card for further details.

1 x G128W Benetton F1	1 x C912W Wall Mounted Transformer	6 x G106W 147mm/6" Curve (F)
1 x G129W McLaren F1	1 x G100W 225mm/9" Chicane Straight (H)	16 x L7559 Crash Barriers
1 x G130W Lap Counter	8 x G101W 375mm/15" Straight (B)	1 x W1502 Acc Bag G'Pin/Pick Up
1 x C180W Yellow Hand Controller	3 x G103W 150mm/6" Straight (C)	1 x W1503 Power Base (A)
1 x C183W Blue Hand Controller	10 x G105W 295mm/12" Curve (E)	

DOCUMENTS / LEAFLETS*

1 x Instruction Leaflet	1 x Scalextric/MicroScalextric Service Dealer List
1 x Hornby Registration Card	1 x MicroScalextric Guarantee
1 x Drivers' and Marshalls' Briefing Notes sheet	

*These documents / leaflets can be found on the top of the box with the track sections or in the main box base.

HORNBY HELPLINE: 01843 299413. MON-FRI 9.00am to 4.00pm



DRIVING AND RACING HINTS 'n' TIPS



MicroScalextric cars will require a level of skill to drive them at their best.

- Start slowly for the first few practise laps; exactly like the very best Formula One drivers.
- Accelerate and slow down smoothly. If you accelerate too fast, you will see a lot of spectacular crashes, but you will also lose most of the races.
- Go fast down the straights, slowing down as you enter the corners and accelerate as you come out of them. Take it easy over the bridges.

- Watch your car as you are driving. You will learn to leave your braking to the last second as you approach a bend.

Before asking for help or service, please read the instructions again.

Most operating difficulties can be easily rectified by making a small adjustment to the braid or simply cleaning the affected part.

The most common cause of a malfunction will be a car's worn braid. Also, poor running may be caused by fluff or hair trapped around the moving parts. This may be easily removed with a brush or tweezers.



FAULT-FINDING GUIDE



PROBLEM	CAUSE	ACTION
Cars will not run	<ul style="list-style-type: none"> ● Power Pack not turned on. ● Incorrect wiring. ● Guide Pin or Braid not making contact with track. ● Dirty Braid. ● Dirty Track. ● 240V household outlet not working. ● Overload protector tripped due to short circuit or overheating. ● Faulty Power Pack. ● Faulty Hand Controller. ● Faulty Car. 	<ul style="list-style-type: none"> ● Turn on the power at the mains. ● Check wiring from hand controllers to the track and the power pack. ● Position car with its guide pin in the slot between the metal rails. Bend braids slightly to make contact with the metal rails. ● Replace braid or guide pin assembly (see main instructions leaflet for guidance). ● Wipe metal rails clean with a lint-free cloth – DO NOT USE SANDPAPER, OTHER ABRASIVE MATERIALS OR LIQUID. ● Change to another 240V outlet. ● Unplug the power unit, or switch off at the mains. After 30-45 seconds, the overload protector will reset and you can continue racing. Check the track and cars to ensure the cause of the short circuit has been removed. ● IMPORTANT: NEVER ATTEMPT TO OPEN POWER PACK. ● Swap hand controller to other track. If still not working, replace hand controller. ● Only after carrying out all of the above and your cars will still not run should you call the Hornby Helpline.
Cars run slowly or erratically	<ul style="list-style-type: none"> ● Dirty track. ● Dirty or worn braid. 	<ul style="list-style-type: none"> ● Wipe metal rails clean with a lint-free cloth. NEVER USE SANDPAPER, OTHER ABRASIVE MATERIALS OR LIQUID. ● Replace braid (see main instructions leaflet for guidance).
Excessive crashes	<ul style="list-style-type: none"> ● Twisted track. ● Worn guide pin. ● Incorrect braid position. ● Poor driving technique. 	<ul style="list-style-type: none"> ● Straighten track making sure that bridges etc. are well supported. ● Replace guide pin (see main instructions leaflet for guidance). ● Flatten braid onto the chassis (see main instructions leaflet for guidance). ● SLOW DOWN!

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These instructions have been designed to aid you through the assembly of your newly purchased MicroScalextric set. By following the assembly steps carefully you will be quickly racing. To enjoy continuous good racing it is very important to ensure regular track maintenance and that the vehicle contact shoes are kept clean. This can be achieved very easily by using a set of small screwdrivers, a non fluffy cloth, emery board and a coin. See section on "Keep Your Track Clean Too!" and "A Clean Car Wins the Race".

INTRODUCTION – A GAME OF SKILL

Congratulations and welcome to the motor racing world of MicroScalextric. Just like the real thing MicroScalextric racing is a game of skill and judgement and just like the real thing a little practice is necessary before you will be able to take corners at speed and receive the chequered flag. To allow you to obtain the maximum racing pleasure from your MicroScalextric please remember the following rules:

- Squeezing the throttle varies the speed of the car.
- Practice "driving" the car around the track.
- You will notice that just like the real thing, the car will come off the track if you go too fast. To avoid this, you must vary the speed as you travel around the circuit.

As your practicing builds up your confidence you will be able to take the corners at speed and you will quickly develop your own technique for this.

Above all, remember to take your time and learn your craft, as all top racing drivers do.

SETTING UP THE LAYOUT

Erecting your MicroScalextric layout is simplicity itself, providing you follow the step by step instructions. Taking your time will pay dividends. A little time spent carefully assembling the layout should prevent any delays or false starts!

STEP 1

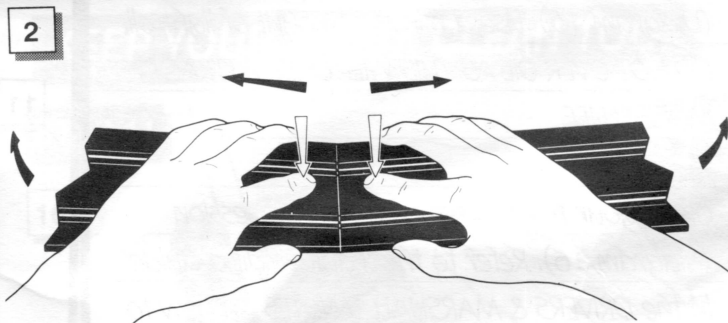
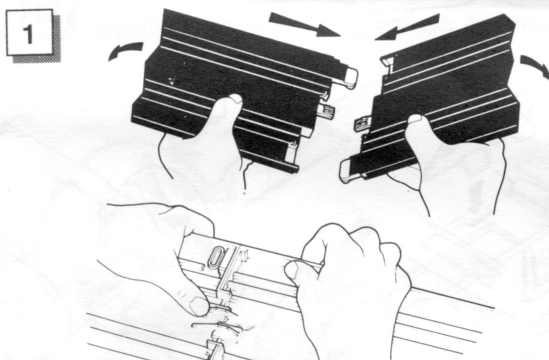
Check to see if you have all the components which are listed under CONTENTS LIST on the separate leaflet entitled "RACING DRIVERS & TRACK MARSHALLS BRIEFING NOTES".

STEP 2

Carefully study the track diagram shown on the Briefing Notes. **You can now start to assemble your circuit.**

STEP 3

Keep the Briefing Notes open and refer to *Diagram 1*. Carefully push the track together and snap into place (*Diagram 2*). Make sure all the metal rail ends are located into the rails. This will ensure good electrical contact.

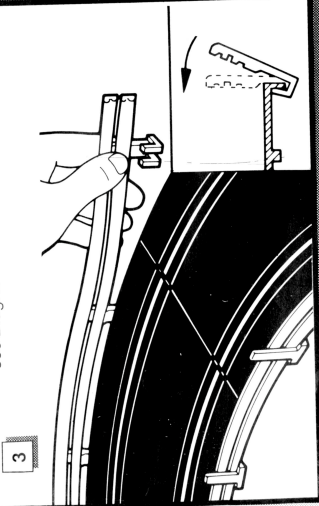


STEP 4

Continue to assemble the track using the layout diagram shown in the Racing Drivers & Track Marshalls Notes. If the contents of your new set is capable of creating alternative layouts, then study the track diagrams shown and choose the one marked "Level One". This circuit will allow you to develop your skills and once mastered you will be able to move onto the more advanced circuits with the addition of extra track.

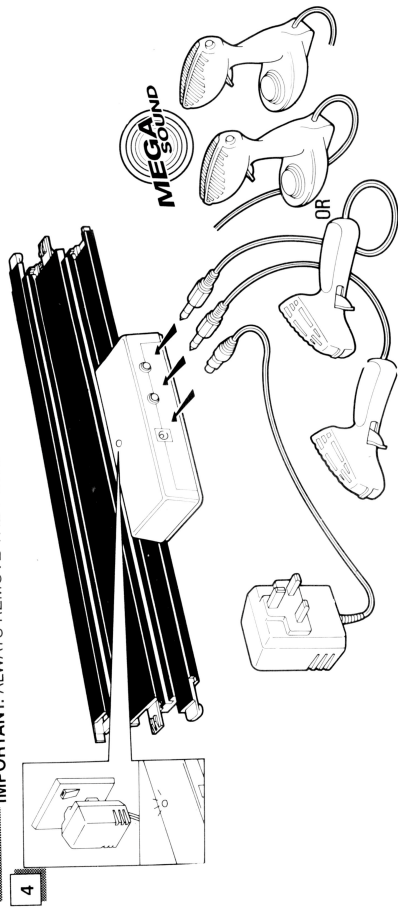
CRASH BARRIERS

STEP 5 Refer to the Marshall's Notes for positioning of the crash barriers. For fitting to the track see Diagram 3.



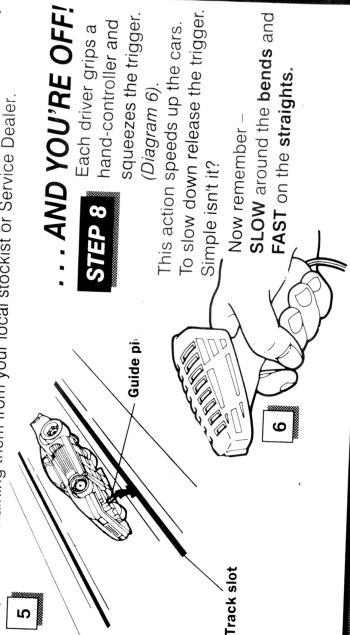
HOOKING UP THE POWER

STEP 6 To connect power to the track follow the instructions as per Diagram 4.
IMPORTANT: ALWAYS REMOVE THE POWER PACK FROM THE WALL SOCKET WHEN NOT IN USE.



NEARLY READY – NOW, THE CARS ...

STEP 7 Place the cars onto the track ensuring that the guide pins go into the slots (Diagram 5). Spare braids and guide pins are included just in case you need them at a later date. Please keep them safe. Should you require further replacements please quote W1502 when telephoning the Hornby Helpline or obtaining them from your local stockist or Service Dealer.



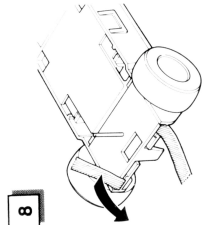
... AND YOU'RE OFF!

STEP 8 Each driver grips a hand-controller and squeezes the trigger. (Diagram 6). This action speeds up the cars. To slow down release the trigger. Simple isn't it? Now remember – **SLOW** around the bends and **FAST** on the straights.

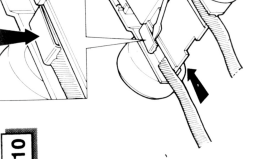
A CLEAN CAR WINS THE RACE

STEP 9 BRAID AND GUIDE PIN MAINTENANCE

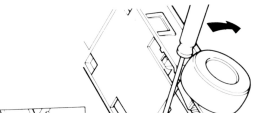
7 First separate body from underpan.



9



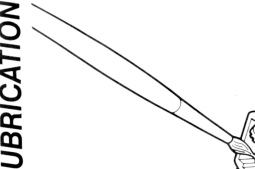
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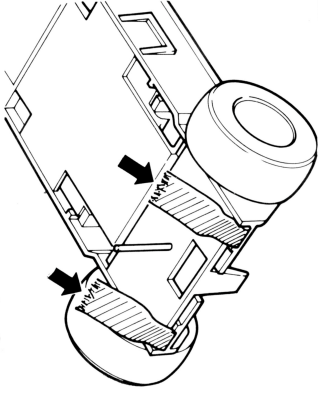
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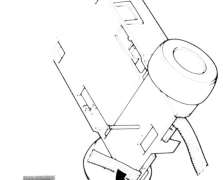
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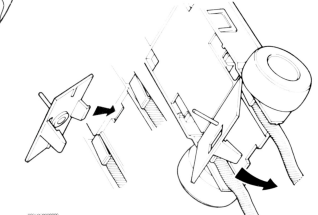
13 For improved running widen the braids by gently "teasing out" their ends as shown.



12

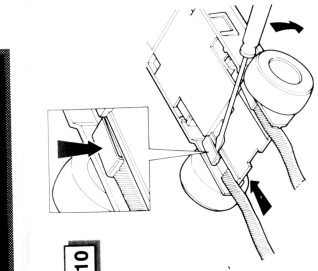


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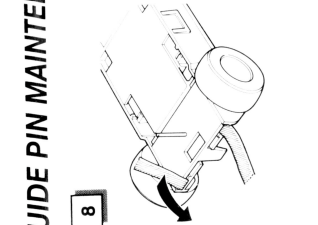


CLEANING AND LUBRICATION

STEP 10



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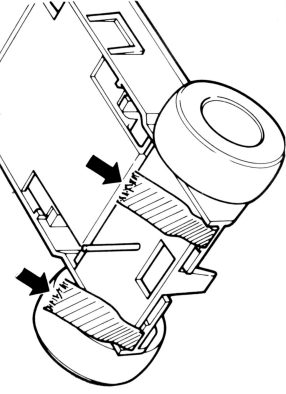


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KEEP YOUR TRACK CLEAN TOO!

STEP 11



16

Steps 9, 10 and 11 Checklist

1. Keep the cars pick-up braids, which are located either side of the guide pin, in good condition (diagrams 7 to 13).
2. Check that carpet threads, dog hairs or fluff are not building up on the cars rear axle assembly. If this happens carefully remove with a pair of tweezers (diagram 14).
3. A certain amount of lubrication will also be periodically required on the rear axle gear (Diagram 15). Use a minute amount of light oil. **DO NOT OVER OIL AS THIS WILL ONLY ATTRACT MORE FLUFF.**
4. Clean your track after every racing session (diagram 16). Refer to the "Fault Finding Guide" in the DRIVERS & MARSHALL'S NOTES on how to clean dirty track. **NEVER USE ANY ABRASIVE MATERIALS OR LIQUIDS.**
5. **IMPORTANT:** Always remove the Power Pack from the wall socket **BEFORE** cleaning track.

IMPORTANT NOTICE

Congratulations on receiving your new MicroScalextric racing set. To help ensure long lasting use of this road racing set, please care for your set by cleaning it regularly as shown in these instructions and by following the points below:

- Do not attempt to drag or push obstacles around the track with your car.
- Do not try to force obstacles off the track with your car.
- Do not "crash into" obstacles with great force.
- If an obstacle becomes stuck or "jammed" in the car, call the Hornby Helpline on 01843 299413. Mon - Fri 9.00 am to 4.00 pm.
- While operating the hand throttle, do not hold the car in a fixed position preventing the rear driving wheels from rotating. This will permanently damage the motor.

Any of the above may cause harm to your car and shorten the life of the set.

We hope you enjoy your new MicroScalextric racing set and that you have hours of fun.

NOTE TO PARENTS

WARNING! The Wall Mounted Transformer should be examined regularly for potential hazards such as damage to the casing, plug pins or output cable. In the event of any damage the toy must not be used until the damage is repaired or the unit replaced. The power pack is a "Transformer for Toys" and the toy must only be operated from the power pack provided or an identical replacement.

WARNING! If the electric motor in the vehicle is jammed, switch off the supply and allow the vehicle to cool. Do not touch electric motor casing.

Hand throttles get warm in use and may give off a slight smell when new. This should cease after a while. If a hand throttle should start to overheat, it is being overloaded. In this case stop immediately. Correct the fault by checking the following.

- Two cars on the same track.
- A piece of metal on the track touching both conductor rails.
- Cars not running freely due to fluff or hairs in the gears.
- Rear wheel disengaged from chassis of car.

If a short circuit occurs, the wall mounted power unit cut out will operate. To reset, switch off at the mains, wait 30 seconds and switch back on.

If a car fails to run on a particular track section there may be faulty connections. To correct, inspect track ends to ensure no excessive distortion of the metal rail sections has occurred. This can be easily rectified with a screwdriver, after turning off the power.

Disconnect the wall mounted power pack from mains after use.

IMPORTANT: It is possible to test the transformer, hand throttles and cars without assembling the complete track.

Hook up power to the terminal track (see assembly instructions step 6) and test both hand throttles and cars.

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